

Project Title	Funding	Strategic Plan Objective	Institution
Keystone Symposia on Molecular and Cellular Biology	\$25,000	Other	Keystone Symposia on Molecular and Cellular Biology
Simons Simplex Collection Site	\$30,000	Q3.L.B	University of Massachusetts Medical School
Prosodic and pragmatic processes in highly verbal children with autism	\$37,500	Q1.L.C	President & Fellows of Harvard College
The integration of interneurons into cortical microcircuits	\$37,500	Q4.S.B	New York University School of Medicine
Autism dysmorphology measure validity study	\$47,958	Q1.S.A	University of Missouri
2009 International Meeting for Autism Research (IMFAR)	\$50,000	Q7.K	International Society for Autism Research
Functional analysis of neurexin IV in Drosophila	\$57,210	Q4.S.B	University of California, Los Angeles
Characterizing ASD phenotypes by multimedia signal and natural language processing	\$65,726	Q1.L.C	Columbia University
Quantitative analysis of craniofacial dysmorphology in autism	\$68,688	Q1.S.A	University of Massachusetts Medical School
Role of Wnt signaling in forebrain development, synaptic physiology, and mouse behavior	\$70,041	Q4.S.B	University of California, San Francisco
Genetics and gene-environment interactions in a Korean epidemiological sample of autism	\$74,692	Q3.S.C	Yale University
A sex-specific dissection of autism genetics	\$75,000	Q2.S.B	University of California, San Francisco
Coordinated control of synapse development by autism-linked genes	\$75,000	Q2.S.D	University of Texas Southwestern Medical Center
The brain genomics superstruct project	\$75,000	Q2.S.G	President & Fellows of Harvard College
The role of CNTNAP2 in embryonic neural stem cell regulation	\$75,000	Q4.S.B	Johns Hopkins University School of Medicine
Using Drosophila to model the synaptic function of the autism-linked NHE9	\$75,000	Q4.S.B	Massachusetts Institute of Technology
Systematic analysis of neural circuitry in mouse models of autism	\$75,432	Q4.S.B	Cold Spring Harbor Laboratory
Connectopathic analysis of autism	\$78,150	Q2.S.D	Harvard University
Functional genomic dissection of language-related disorders	\$78,585	Q4.S.B	University of Oxford
Dysregulation of PI3K/AKT in social interaction deficits and autism spectrum disorders with macrocephaly	\$81,630	Q4.S.B	University of Texas Southwestern Medical Center
Electrophysiological, metabolic and behavioral markers of infants at risk	\$92,397	Q1.L.A	Children's Hospital Boston
Mouse models of human autism spectrum disorders: Gene targeting in specific brain regions	\$100,000	Q2.S.D	University of Texas Southwestern Medical Center
Using iPS cells to study genetically defined forms with autism	\$100,000	Q4.S.B	Stanford University
A study of autism	\$108,701	Q2.L.B	University of Pennsylvania
Simons Simplex Collection Site	\$112,500	Q3.L.B	Washington University in St. Louis
Autism and SNPs in the IGF pathway	\$112,500	Q3.L.B	Princeton University

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Integrated approach to the neurobiology of autism spectrum disorders	\$115,446	Q4.S.B	Yale University
Executive functioning, theory of mind, and neurodevelopmental outcomes	\$118,007	Q4.L.B	Vanderbilt University Medical Center
The mirror neuron system in children with autism	\$118,156	Q4.S.F	University of Washington
Language processing in children with 22q11 deletion syndrome and autism	\$120,000	Q2.S.G	Emory University
Language learning in autism	\$149,545	Q1.L.C	Georgetown University
Oxytocin biology and the social deficits of autism spectrum disorders	\$150,000	Q1.L.A	Stanford University
Misregulation of BDNF in autism spectrum disorders	\$150,000	Q1.L.A	Weill Cornell Medical College
Signatures of gene expression in autism spectrum disorders	\$150,000	Q1.L.A	Children's Hospital Boston
Testing the effects of cortical disconnection in non-human primates	\$150,000	Q2.Other	The Salk Institute for Biological Studies
Regulation of inflammatory Th17 cells in autism spectrum disorder	\$150,000	Q2.S.A	New York University School of Medicine
Role of a novel Wnt pathway in autism spectrum disorders	\$150,000	Q4.S.B	University of California, San Francisco
Simons Simplex Collection Site	\$150,500	Q3.L.B	Columbia University
A proposal to define cells and circuits impacted in autism spectrum disorders	\$162,544	Q4.S.B	The Rockefeller University
Role of TSC/mTOR signaling pathway in autism and autism spectrum disorders	\$172,825	Q3.L.B	Massachusetts General Hospital
Aberrant synaptic function caused by TSC mutation in autism	\$173,726	Q2.S.D	Columbia University
Brain circuitry in simplex autism	\$187,500	Q2.Other	Washington University in St. Louis
Probing a monogenic form of autism from molecules to behavior	\$187,500	Q2.S.D	Stanford University
Integrative genetic analysis of autistic brains	\$200,000	Q3.L.B	Johns Hopkins University School of Medicine
Neurexin-neuroligin trans-synaptic interaction in learning and memory	\$200,000	Q4.S.B	Columbia University
Identifying and understanding the action of autism susceptibility genes	\$204,810	Q3.L.B	University of Oxford
Neural mechanisms for social cognition in autism spectrum disorders	\$229,730	Q2.Other	Massachusetts Institute of Technology
Genomic hotspots of autism	\$232,692	Q3.L.B	University of Washington
MEG Scanner at Martinos Imaging Center, McGovern Institute	\$250,000	Other	Massachusetts Institute of Technology

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Autism spectrum disorders and the visual analysis of human motion	\$250,000	Q2.Other	Rutgers, The State University of New Jersey
Mice lacking Shank postsynaptic scaffolds as an animal model of autism	\$253,848	Q4.S.B	Massachusetts Institute of Technology
Supplement to NIH ACE Network grant: "A longitudinal MRI study of infants at risk for autism"	\$270,000	Q1.L.A	University of North Carolina at Chapel Hill
Comprehensive follow-up of novel autism genetic discoveries	\$289,026	Q3.L.B	Massachusetts General Hospital
Longitudinal neurogenetics of atypical social brain development in autism	\$292,163	Q2.S.G	Yale University
Recessive genes for autism and mental retardation	\$293,376	Q3.L.B	Beth Israel Deaconess Medical Center
Perturbed activity-dependent plasticity mechanisms in autism	\$301,444	Q4.S.B	Harvard Medical School
Testing neurological models of autism	\$315,526	Q2.Other	California Institute of Technology
Regulation of synaptogenesis by cyclin-dependent kinase 5	\$325,889	Q4.S.B	Massachusetts Institute of Technology
Simons Simplex Collection Site	\$332,923	Q3.L.B	University of Illinois at Chicago
Relevance of NPAS1/3 balance to autism and schizophrenia	\$356,840	Q3.L.B	University of Texas Southwestern Medical Center
The role of SHANK3 in autism spectrum disorders	\$360,000	Q4.S.B	Mount Sinai School of Medicine
Autism and the insula: Genomic and neural circuits	\$368,570	Q3.L.B	California Institute of Technology
Simons Simplex Collection Site	\$379,000	Q3.L.B	University of Missouri
Using zebrafish and chemical screening to define function of autism genes	\$395,497	Q4.S.B	Whitehead Institute for Biomedical Research
Studies of postmortem brain searching for epigenetic defects causing autism	\$400,000	Q3.L.B	Baylor College of Medicine
Genome-wide analyses of DNA methylation in autism	\$400,000	Q3.L.B	Massachusetts General Hospital
A recurrent genetic cause of autism	\$400,000	Q3.L.B	Massachusetts General Hospital
Synaptic and circuitry mechanisms of repetitive behaviors in autism	\$400,000	Q4.S.B	Massachusetts Institute of Technology
Genomic imbalances at the 22q11 locus and predisposition to autism	\$400,000	Q4.S.B	Columbia University
Behavioral and physiological consequences of disrupted Met signaling	\$400,000	Q4.S.B	University of Southern California
Simons Simplex Collection Site	\$437,339	Q3.L.B	Baylor College of Medicine
Cellular and molecular alterations in GABAergic inhibitor circuits by mutations in MeCP2	\$441,032	Q2.S.D	Cold Spring Harbor Laboratory
Simons Simplex Collection Site	\$445,176	Q3.L.B	University of Washington

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A non-human primate autism model based on maternal infection	\$446,873	Q2.S.A	California Institute of Technology
Simons Simplex Collection Site	\$461,365	Q3.L.B	Emory University
The role of contactin-associated protein-like 2 (CNTNAP2) and other novel genes in autism	\$464,601	Q3.L.B	Johns Hopkins University School of Medicine
Simons Simplex Collection Site	\$487,500	Q3.L.B	Vanderbilt University
Investigation of the role of MET kinase in autism	\$488,411	Q4.S.B	Johns Hopkins University School of Medicine
Role of UBE3A in neocortical plasticity and function	\$490,000	Q4.S.B	Duke University
Function and dysfunction of neuroligins	\$498,885	Q4.S.B	Stanford University
Identification of aberrantly methylated genes in autism: The role of advanced paternal age	\$499,780	Q3.L.B	Research Foundation for Mental Hygiene, Inc.
Simons Simplex Collection Site	\$516,952	Q3.L.B	The Research Institute of the McGill University Health Centre
Novel models to define the genetic basis of autism	\$545,463	Q4.S.B	Cold Spring Harbor Laboratory
Simons Simplex Collection Site	\$550,246	Q3.L.B	Children's Hospital Boston
Mindspec, Inc.	\$619,200	Other	Mindspec, Inc.
Simons Simplex Collection Site	\$654,489	Q3.L.B	University of California, Los Angeles
Simons Simplex Collection Site	\$815,728	Q3.L.B	Yale University
Analysis of candidate genes derived from a protein interaction network in SSC samples	\$987,318	Q3.L.B	Baylor College of Medicine
Comprehensive genetic variation detection to assess the role of the X chromosome in autism	\$1,019,797	Q3.L.B	Emory University
Simons Simplex Collection Site	\$1,300,730	Q3.L.B	University of Michigan
Infrastructure support for autism research at MIT	\$1,500,000	Other	Massachusetts Institute of Technology
Neural and cognitive mechanisms of autism	\$1,500,000	Q4.S.B	Massachusetts Institute of Technology
Illumina, Inc.	\$1,578,591	Q3.L.B	Illumina, Inc.
Model diagnostic lab for infants at risk for autism	\$1,989,796	Q1.L.A	Yale University
A genome-wide search for autism genes in the Simons Simplex Collection	\$3,862,333	Q3.L.B	Yale University
Rutgers, The State University of New Jersey	\$4,729,271	Q3.L.B	Rutgers, The State University of New Jersey
Prometheus Research, LLC	\$4,878,022	Other	Prometheus Research, LLC
Genetic basis of autism	\$6,380,872	Q3.L.B	Cold Spring Harbor Laboratory

